

Amendments to the Claims:

This Listing of Claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1. (original) An information recording/reproducing apparatus characterized in that said apparatus comprises recording data multiplexing means for multiplexing at least encoded video data and encoded audio data, record data storing means for storing data outputted from said recording data multiplexing means, management-information-generation-destined data generating means for generating data required for generating management information for reproducing data recorded on said recording medium on the basis of data obtained from said recording data multiplexing means, management information storing means for storing said management information, management information generating means for generating said management information on the basis of output of said management-information-generation destined data generating means for writing or reading said management information in or from said management information storing means, recording medium drive processing means for recording or reading on or from the recording medium at least information outputted from said recording data storing means or information outputted from said management information generating means, recording status storing means for storing status information indicative of status of recording processing, and consolidative management means for managing said recording data multiplexing means, said recording data storing means, said management-information-generation-destined data generating means, said management information generating means, said management information storing means, said recording medium drive processing means and said recording status storing means, wherein said consolidative management means is arranged to write or read out said status information onto or from said recording status storing means.

2. (original) An information recording/reproducing apparatus set forth in claim 1, characterized in that said apparatus comprises said recording medium drive processing means for recording or reading out information on or from a recording medium, record data demultiplexing means for demultiplexing the encoded video data and the encoded

audio data from the information read out from said recording medium, said management-information-generation-destined data generating means for generating data required for generating management information for reproducing data recorded on said recording medium on the basis of the data obtained from said record data demultiplexing means, said management information storing means for storing said management information, said management information generating means for generating said management information on the basis of output of said management-information-generation-destined data generating means for writing or reading said management information in or from said management information storing means, management information reading means for reading out said management information from information read out from said recording medium for outputting said management information to said management information storing means, and consolidative management means for managing said record data demultiplexing means, said management-information-generation-destined data generating means, said management information generating means, said management information storing means, said recording medium drive processing means, said management information reading means and said recording status storing means, wherein said recording medium drive processing means is designed to record the information outputted from said management information generating means on said recording medium, and wherein said consolidative management means is designed to write or read out said status information onto or from said recording status storing means.

3. (original) An information recording/reproducing apparatus set forth in claim 1, characterized in that said recording status storing means is implemented as storing means which holds the stored information even when electric power supply is broken.

Claim 4 (canceled).

5. (original) An information recording/reproducing apparatus set forth in claim 2, characterized in that the information read out from said recording medium is checked on the basis of said status information read out from said recording status storing means to thereby delete data from a record unit containing unreproducible information up to an end of a file.

6. (original) An information recording/reproducing apparatus set forth in claim 2, characterized in that a group of management units composed of information read out from said recording medium is checked on the basis of said status information read out from said recording status storing means to thereby delete the management unit including the record unit containing unreproducible information, and that those management units which include a starting one of said management unit group up to the record unit containing said unreproducible information are defined as a first management unit group while the management units including the record unit containing said unreproducible information up to the end of said management unit group are defined as a second management unit group.

7. (original) In an information recording/reproducing apparatus set forth in claim 2, an editor apparatus characterized in that the information outputted from said recording data storing means is recorded in the form of a data file on said recording medium with the information outputted from said management information generating means being stored on said recording medium as first and second plural sets of management information files, and that said apparatus comprises file system manage processing means for managing the files so that the file can be written or read out on or from said recording medium in a predetermined file format or a new file can be generated from two files, first management information file read processing means for reading said first set of management information file from said file system manage processing means, first management information storing means for storing said first set of management information read out from said first management information file read processing means as first management information, management information file write processing means for reading out said first management information from said first management information storing means to thereby write said first management information in said file system manage processing means as said first set of management information file, second management information file read processing means for reading out said second set of management information file from said file system manage processing means, second management information storing means for storing said second set of management information read out from said second management information file read processing means as second management information, combine processing means for generating new management information from the information stored in said first

management information storing means and the information stored in said second management information storing means to thereby write said new management information in said first management information storing means, wherein said data file and said plural sets of management information files are combined in one set.

8. (original) In an information recording/reproducing apparatus set forth in claim 7, an editor apparatus characterized in that plural sets of said data file and said management information file recorded on said recording medium include two or more sets of said data file and said management information file and that said two or more sets of said data file and said management information file are combined in one set.

9. (original) An information recording/reproducing apparatus set forth in claim 7, characterized in that a first set of said data file and said management information file recorded on said recording medium are checked on the basis of said status information read out from said recording status storing means to thereby alter an identifier of said first set to a second identifier in the case where the unreproducible information is included in said first set, wherein a new data file and a new management information file to be recorded on said recording medium is recorded on said recording medium as a first set of the new data file and the new management information file.

Claims 10-12 (canceled).

13. (original) In an editor apparatus set forth in claim 3, a recording apparatus characterized in that said apparatus comprises moving picture compression-encode processing means for performing compression-encoding of analog moving pictures, sound compression-encode processing means for performing compression-encoding of analog sound, moving picture/sound multiplex processing means for multiplexing compression-encoded moving picture data outputted from said moving picture compression-encode processing means and compression-encoded sound data outputted from said sound compression-encode processing means, management-information-expansion data generate processing means for acquiring information required for management information file generation from said moving picture/sound compression-multiplex processing means to write

additionally said information in management information expansion data expanded on said management information expansion memory as management information expansion data, a stream buffer for storing once temporarily a multiplexed stream outputted from said moving picture/sound compression-multiplex processing means, stream buffer managing means for commanding writing of said multiplexed data into said file system managing means from said stream buffer as a multiplexed stream file, a nonvolatile status management memory which is a nonvolatile memory for storing process stage statuses of recording processing, repair processing means for repairing format of said management information file or said multiplexed stream file to restore a normal format thereof when said management information file or said multiplexed stream file is abnormal, and activate processing means designed upon activation thereof to supervise said nonvolatile status management memory, issue a command for expanding said management information file on said management information expansion memory in dependence on status, command said repair processing means to repair the management information file and said multiplexed stream file, command said repair processing means to alter names of the management information file and said multiplexed stream file, and combine plural sets of said picture data files and said management information files into one set.

14. (original) An information recording/reproducing method for recording picture/sound data on the basis of said management information, characterized in that control means is provided for controlling operations in general inclusive of said recording and reproduction and storing means is provided for storing statuses, wherein said control means is so arranged as to store sequentially in said storing means status discriminating information indicative of operating statuses such as recording, reproduction, edition and the like, and wherein upon activation, said control means reads out said status discriminating information from said storing means to analyze said picture/sound data in accordance with said status discriminating information for thereby correcting said management information and said picture/sound data themselves into information and data each of proper format.

Claims 15-17 (canceled).

18. (original) An information recording/reproducing method set forth in claim 14, characterized in that when improperness is detected in an intermediate portion of said picture/sound data in the course of picture/sound data analyzing operation performed in dependence on said status discriminating information, a management-dedicated subunit of said picture/sound data which contains said improperness is deleted.

19. (original) An information recording/reproducing method set forth in claim 1.4, characterized in that when improperness is detected in an intermediate portion of said picture/sound data in the course of picture/sound data analyzing operation performed in dependence on said status discriminating information, said management information is so updated that a management-dedicated subunit of said picture/sound data containing said improperness can be handled independently as a management-dedicated unit of a higher rank, and that said management-dedicated unit handled independently is handled as an attribute not to be outputted for reproduction.

20. (original) An information recording/reproducing apparatus in which the information recording/reproducing method set forth in claim 18 is adopted.

21. (original) An information recording/reproducing apparatus in which the information recording/reproducing method set forth in claim 19 is adopted.

Claims 22-23 (canceled).